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## Educational Note

# Guidance for the 2014 Valuation of Insurance Contract Liabilities of Life Insurers

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# Guidance for the 2014 Valuation of Insurance Contract Liabilities of Life Insurers

Committee on Life Insurance Financial Reporting

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July 2014

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*Members should be familiar with educational notes. Educational notes describe but do not recommend practice in illustrative situations. They do not constitute standards of practice and are, therefore, not binding. They are, however, intended to illustrate the application (but not necessarily the only application) of the Standards of Practice, so there should be no conflict between them. They are intended to assist actuaries in applying standards of practice in respect of specific matters. Responsibility for the manner of application of standards of practice in specific circumstances remains that of the members.*

## Memorandum

**To:** Members in the life insurance practice area

**From:** Bruce Langstroth, Chair  
Practice Council

Alexis Gerbeau, Chair  
Committee on Life Insurance Financial Reporting

**Date:** July 11, 2014

**Subject:** **Educational Note: Guidance for the 2014 Valuation of Insurance Contract Liabilities of Life Insurers**

### INTRODUCTION

The purpose of this educational note is to provide guidance to actuaries in several areas affecting the valuation of the 2014 year-end insurance contract liabilities of life insurers for Canadian Generally Accepted Accounting Principles (GAAP) purposes. In addition, the note provides an update on recently published experience studies and introductory information about potential changes in future financial reporting. The guidance in this educational note represents a majority view of the members of the Committee on Life Insurance Financial Reporting (CLIFR) of appropriate practice consistent with the Standards of Practice.

In accordance with the Canadian Institute of Actuaries' (CIA) Policy on Due Process for the Approval of Guidance Material Other than Standards of Practice, this educational note has been prepared by CLIFR, and has received final approval for distribution by the Practice Council on June 26, 2014. As outlined in subsection 1220 of the Standards of Practice, "*The actuary should be familiar with relevant Educational Notes and other designated educational material.*" That subsection explains further that "practice that the Educational Notes describe for a situation is not necessarily the only accepted practice for that situation and is not necessarily accepted actuarial practice for a different situation." As well, "Educational Notes are intended to illustrate the application (but not necessarily the only application) of the Standards of Practice, so there should be no conflict between them."

### GUIDANCE TO MEMBERS ON SPECIFIC SITUATIONS

From time to time, CIA members seek advice or guidance from CLIFR. Both the CIA and CLIFR strongly encourage such dialogue. CIA members would be assured that it is proper and appropriate for them to consult with the chair or vice-chair of CLIFR.

CIA members are reminded that responses provided by CLIFR are intended to assist them in interpreting the CIA Standards of Practice, educational notes, and Rules of Professional Conduct,

in assessing the appropriateness of certain techniques or assumptions. A response from CLIFR does not constitute a formal opinion as to whether the work in question is in compliance with the CIA Standards of Practice. Guidance provided by CLIFR is not binding upon the member.

## RECENT GUIDANCE

The following revisions to the Standards of Practice and related promulgations have been approved in the last 12 months:

- Final standards – [Revocation of the Current Standards of Practice Entitled Recommendations – Dividend Determination and Illustration and Explanatory Notes in Amplification of Certain Dividend Recommendations, and Introduction of a New Subsection Relating to Participating Policy Dividend Determination in Part 2000 – Practice-Specific Standards for Insurance](#) (released January 9, 2014, and effective January 1, 2014);
- Educational note: [Dividend Determination for Participating Policies](#) (released January 9, 2014);
- [Initial Communication of a Promulgation of Calibration Criteria for Investment Returns Referenced in the Standards of Practice for the Valuation of Insurance Contract Liabilities: Life and Health \(Accident and Sickness\) Insurance \(Subsection 2360\)](#) (released April 14, 2014);
- Final standards – [Revisions to Economic Reinvestment Assumptions within the Practice-Specific Standards on Insurance Contract Valuation: Life and Health \(Accident and Sickness\) Insurance \(Section 2300 and Subsection 1110\)](#) (released May 15, 2014, and effective October 15, 2014);
- [Final Communication of Promulgations of the Maximum Net Credit Spread, Ultimate Reinvestment Rates, and Calibration Criteria for Stochastic Risk-Free Interest Rates in the Standards of Practice for the Valuation of Insurance Contract Liabilities: Life and Health \(Accident and Sickness\) Insurance \(Subsection 2330 of the Final Standards for Revisions to the Standards of Practice\)](#) (released May 15, 2014); and

Recent CLIFR guidance includes the following material:

- Research paper: [Calibration of Fixed-Income Returns for Segregated Fund Liability](#) (April 2014); and
- Research paper: [Calibration of Stochastic Risk-Free Interest Rate Models for Use in CALM Valuation](#) (December 2013).

For your convenience all of these publications can be found on the CIA website under [Publications](#). A list of all the current educational notes and research papers can be found in appendix A.

In addition, CLIFR expects to publish the following guidance in the near future:

- Educational note: Investment Assumptions used in the Valuation of Life and Health Insurance Contract Liabilities; and
- Research paper: Development of Prescribed Interest Rate Scenarios for CALM Valuations.

Some guidance provided last year is still appropriate, and has been duplicated in this educational note. Other guidance has been modified, either to reflect recent developments or to improve clarity.

Guidance previously provided in the section Future Income and Alternative Taxes and Harmonization of Sales Taxes has been excluded as the remaining content was limited to the documentation of changes in sales tax rates and it is not the role of this educational note to provide annual updates on these matters.

The topics covered herein are:

- 1. EXPERIENCE STUDIES (*modified*).....5
- 2. LIFE INSURANCE AND ANNUITY MORTALITY (*modified slightly*) .....5
- 3. ACCIDENT AND SICKNESS INSURANCE MORTALITY AND MORBIDITY (*modified slightly*) .....6
- 4. ECONOMIC ASSUMPTIONS (*modified*).....7
- 5. INTERNATIONAL FINANCIAL REPORTING STANDARDS (*unchanged*).....8
- 6. SEGREGATED FUNDS (*modified*) .....8
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If you have any questions or comments regarding this educational note, please contact Alexis Gerbeau at [alexis.gerbeau@standardlife.ca](mailto:alexis.gerbeau@standardlife.ca).

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## 1. EXPERIENCE STUDIES (*modified*)

The Research Committee has published the following studies.

- Mortality study – [Individual Annuitant](#) (June 2014)

This study updates the 2000–2009 study published in 2012, but the information presented here does not require knowledge of the prior study. Seven companies contributed to the 2010–2011 study. The study considers experience of Canadian individual annuities. Most of the policies studied are in payout status but in some cases experience is included during the deferred period, provided the policy has no cash value and the policy cannot be changed.

- Mortality study – [Canadian Standard Ordinary Life Experience 2011–2012 Using 86–92 Tables](#) (May 2014)
- Mortality study – [Canadian Standard Ordinary Life Experience 2011–2012 Using 97–04 Tables](#) (May 2014)

These reports submitted by the Individual Life Experience Subcommittee of the Research Committee detail the inter-company mortality experience for Canadian standard ordinary life insurance policies. They reflect the mortality experience of Canadian standard individual ordinary insurance issues studied between the 2011 to 2012 anniversaries. The [CIA 86–92](#) and [CIA 97–04](#) mortality tables were used to calculate the expected death claims for males and females and for smoker/non-smoker distinctions separately.

- Lapse study – [Lapse Experience Study for 10-Year Term Insurance](#) (January 2014)

This study of lapse experience under Canadian fully-guaranteed individual renewable and convertible 10-year term insurance (T10) policies was conducted by the Individual Life Experience Subcommittee. This is the first study of T10 lapses conducted by the CIA. Ten of the largest writers of T10 insurance in Canada contributed to it. The study period runs from January 1, 2005, to December 31, 2010. Lapse rates vary by face amount as evidenced by the differences in lapse rates based on policy count and lapse rates based on amount of insurance. Consequently, most of the analysis in the report is presented on both bases.

- Morbidity study – [Canadian Individual Critical Illness Insurance Morbidity Experience Between Policy Anniversaries in 2002 and 2007 Using Expected CIA Incidence Tables from July 2012](#) (February 2013)

This was the first report submitted by the Individual Living Benefits Experience Subcommittee of the Research Committee detailing the intercompany morbidity experience for Canadian individual critical illness (CI) insurance policies. The study was not considered fully credible due to the limited number of claims. An updated study is underway using more recent data, which should lead to more credible results.

## 2. LIFE INSURANCE AND ANNUITY MORTALITY (*modified slightly*)

There are no changes to the guidance for the 2014 year-end valuation.

In 2013, CLIFR formed a new mortality improvement subcommittee with the mandate to review the ongoing appropriateness of the current prescribed mortality improvement rates ([Final](#)

[Communication of a Promulgation of Prescribed Mortality Improvement Rates Referenced in the Standards of Practice for the Valuation of Insurance Contract Liabilities: Life and Health \(Accident and Sickness\) Insurance \(Subsection 2350\)](#)). The goal is to complete the review by the end of 2014 and for changes to be effective for the 2015 year-end valuation.

Areas of review include:

- The use of a two-dimensional array versus the current one-dimensional model, to have mortality improvement rates that reflect both the period effect and age effect, similar to other more recent models used internationally;
- Mortality improvement rates that vary by gender;
- Margin for adverse deviations (MfAD) levels that vary by duration; and
- Additional guidance on the appropriate level of aggregation.

### **3. ACCIDENT AND SICKNESS INSURANCE MORTALITY AND MORBIDITY (modified slightly)**

The committee work to develop mortality improvement guidance did not consider accident and sickness insurance mortality improvement or morbidity trends directly. The mortality improvement trends for accident and sickness insurance are expected to be the same for the active lives within accident and sickness insurance as for life insurance and annuity insurance. It is recommended that the actuary would consider mortality improvements using the current prescribed mortality improvement rates for the current year-end valuation for accident and sickness active lives.

In order to determine the minimum valuation assumption, the actuary would perform two valuations of active lives using the following mortality improvement scenarios. The first scenario would be expected to apply in situations where the reflection of mortality improvement decreases insurance contract liabilities, and the second where the effect is to increase insurance contract liabilities.

1. Mortality improvement would be projected for 25 years only from the valuation date using 50 percent of the mortality improvement rates as described above. After 25 years, no further mortality improvement would be reflected.
2. Mortality improvements would be projected for all future years using 150 percent of the base mortality improvement rates as described above for 25 years and 100 percent of the base mortality improvement rates as described above thereafter.

The prescribed mortality improvement rates would be the rates from the mortality improvement scenario producing the higher liability determined at an appropriate level of aggregation.

The actuary may consider reflecting mortality improvement for non-active lives within accident and sickness insurance. However, given that the prescribed mortality improvement rates were developed using general population data, the minimum valuation assumption for mortality improvement rates does not apply to the valuation of non-active lives. Non-active lives are lives that are currently receiving benefits and the portion of lives that are expected to be in receipt of future benefits as measured in an active life reserve.

In addition, the actuary may consider reflecting secular morbidity trends for accident and sickness insurance if the actuary has credible data or if the actuary has reliable benchmark data to use for

purposes of projecting a morbidity trend. The data supporting longer-term trend assumptions would cover a relevant and sufficiently long period of experience to ascertain the secular trend and rule out shorter-term cyclical trends.

If a morbidity trend assumption is applied then the actuary would apply a margin on the best estimate assumption consistent with subsection 2350 of the Standards of Practice. The actuary would consider whether morbidity trend demonstrates unusually high uncertainty and would warrant selection of a margin above the high margin as noted in paragraph 2350.04 of the Standards of Practice. When assessing the appropriateness of aggregate PfAD levels, actuaries would consider the interrelationships of the assumptions and any potential undesirable compounding of provisions.

In 2014, CLIFR formed a subcommittee with a mandate to consider additional guidance relating to mortality improvement on non-active lives. The goal is to complete the review by the end of 2014 and for any changes to be effective for the 2015 year-end valuation.

#### 4. ECONOMIC ASSUMPTIONS (*modified*)

In light of the extensive revisions in 2014 to subsections 2330 and 2340 of the Standards of Practice pertaining to investment assumptions, a separate CIA educational note: Investment Assumptions Used in the Valuation of Life and Health Insurance Contract Liabilities, will be published shortly to provide guidance and support to actuaries in the application of standards of practice related to investment assumptions for financial reporting of life and health insurance. Guidance related to the derivation of forward rates utilized by the prescribed interest rate scenarios has been moved to this educational note.

Further information on the rationale behind the development of the new prescribed interest rate scenarios may be found in the CIA research paper: Development of Prescribed Interest Rate Scenarios for CALM Valuations which will be published shortly.

The Standards of Practice now promulgate the ultimate reinvestment rates (URRs) used for the prescribed interest rate scenarios and the maximum net credit spreads applicable for reinvestment or disinvestment of fixed income assets. In addition, the Standards of Practice now specify limitations on the use of non-fixed income assets to support liability cash flows that are not substantially linked to returns on non-fixed income assets.

The Standards of Practice state:

2330.32 If the selection of interest rate scenarios is stochastic, the actuary's calibration of stochastic models would meet the criteria for risk-free interest rates as promulgated from time to time by the Actuarial Standards Board.

Stochastic scenarios would be developed in accordance with the calibration criteria specified in the research paper [Calibration of Stochastic Risk-Free Interest Rate Models for Use in CALM Valuation](#) published on December 21, 2013.

The Standards of Practice state:

2330.09.2 The provision for adverse deviations for interest rate risk for both deterministic and stochastic applications would be measured as the difference between the reported insurance contract liabilities and the insurance contract liabilities resulting from the application of the base scenario.



2130.06.1 *The actuary should ensure that the application of margins for adverse deviations with respect to the insurance contract liabilities and the related reinsurance recoverables results in an increase to the value of the liability net of reinsurance. The provision resulting from the application of all margins for adverse deviations, in addition to increasing the net liability, should be appropriate in the aggregate.*

The resulting liability would be no less than that obtained under the base scenario, so as to avoid establishing a negative PfAD.

When developing assumptions for real estate returns using the data in the [Report on Canadian Economic Statistics](#), table 7, the actuary would note that the data between 1973 and 1985 come from Morguard Investments, 1985–1999 are based on the Russell Canadian Property Index (RCPI), and 2000 onwards are based on the REALpac/IPD Canada Property Index. The actuary would not consider the Morguard Investments data since they are approximately 1/15<sup>th</sup> the size of the more recent datasets and provide little information on the split between income and capital appreciation.

## 5. INTERNATIONAL FINANCIAL REPORTING STANDARDS (*unchanged*)

In June 2013 the International Accounting Standards Board (IASB) published the exposure draft Insurance Contracts for comments.

- [IASB – Insurance Contracts, exposure draft, June 2013](#); and
- [IASB – Insurance Contracts, basis for conclusions, exposure draft, June 2013](#).

## 6. SEGREGATED FUNDS (*modified*)

### Calibration of Investment Returns

New calibration criteria for fixed income returns will be promulgated in 2014. A [research paper](#) that provides the rationale for these calibration criteria was published in April 2014. Calibration criteria are provided for the left tail of fixed income returns at the one-, five-, 10-, and 20-year horizons as well as for the right tail at the one-year horizon, for three different initial benchmark yields. Calibration criteria are provided for Canadian and U.S. broad-based fixed income indices, and qualitative guidance is provided for other types of fixed income funds in the research paper.

The promulgation for the calibration criteria for equity returns provides a decision tree for the application of the criteria. Case 2 involves a model test, and applies to indices other than broad-based equity indices and small capitalization stocks indices for which sufficient credible data are available. Broad-based real estate funds would fall under case 2, as the data available on real estate are deemed sufficient and credible.

### Hedging

The hedging of segregated fund guarantees has become a common practice in the industry. The practice for recognizing hedging in insurance contract liabilities varies greatly across companies. Paragraph 2320.09 of the Standards of Practice states, “The actuary would usually apply the Canadian asset liability method to policies in groups that reflect the insurer’s asset-liability management practice for allocation of assets to liabilities and investment strategy.” Paragraph 2330.05 states, “The investment strategy for each scenario would be consistent with the insurer’s current investment policy and would be consistent with the insurer’s expected practice.”

An [educational note](#) that provides guidance on approximation methods to account for hedging in the insurance contract liabilities, consistent with the above references, and that also provides guidance with respect to reflecting potential hedging weaknesses in insurance contract liabilities, was published in May 2012. The actuary would recognize hedging in the calculation of insurance contract liabilities.

Where a hedging program is in place, the 2007 educational note [Considerations in the Valuation of Segregated Fund Products](#) stated that negative insurance contract liabilities after issue are allowed, but “subject to constraints on the amount of profit capitalized, consistent with an unhedged position”. Some companies have interpreted this by allowing insurance contract liabilities to be negative only to the extent that the gain from negative insurance contract liabilities is offset by cumulative losses from the hedge assets. CLIFR’s view is that the following approach, which does not depend on the past performance of hedge assets, is consistent with the aforementioned statement. For a new cohort, the fee income allocated to the guarantee at the time of issue would be adjusted such that the initial insurance contract liability for the guarantee is equal to or greater than zero. Once established at issue, the adjusted fee income would be kept constant throughout the remaining life of the cohort. In future periods, the fee income allocated to the guarantee would be that established at issue and the liability for the guarantee would be allowed to move freely up or down, without regard to cumulative gains and losses from the hedge assets. A numerical example is provided in section 7.2 of the report of the [Task Force on Segregated Fund Liability and Capital Methodologies](#).

In the case of a company implementing a hedging program for an in-force block of business, the same principle as for new business would apply, i.e. fee income allocated to the guarantee would be such that the liability for the guarantee post hedging is equal to or greater than zero. In future periods, the fee income allocated to the guarantee would be that established at the inception of the hedging program.

**APPENDIX A: CIA GUIDANCE**

Accession Number	Title	Publication Date
214046	<a href="#">Final Communication of Promulgations of the Maximum Net Credit Spread, Ultimate Reinvestment Rates, and Calibration Criteria for Stochastic Risk-Free Interest Rates in the Standards of Practice for the Valuation of Insurance Contract Liabilities: Life and Health (Accident and Sickness) Insurance (Subsection 2330 of the Final Standards for Revisions to the Standards of Practice)</a>	May 15, 2014
214047	Final Standards – <a href="#">Revisions to Economic Reinvestment Assumptions within the Practice-Specific Standards on Insurance Contract Valuation: Life and Health (Accident and Sickness) Insurance (Section 2300 and Subsection 1110)</a>	May 15, 2014
214048	Memorandum: <a href="#">Final Standards – Revisions to Economic Reinvestment Assumptions within the Practice-Specific Standards on Insurance Contract Valuation: Life and Health (Accident and Sickness) Insurance (Section 2300 and Subsection 1110)</a>	May 15, 2014
214035	<a href="#">Initial Communication of a Promulgation of Calibration Criteria for Investment Returns Required in the Standards of Practice for the Valuation of Insurance Contract Liabilities: Life and Health (Accident and Sickness) Insurance (Subsection 2360)</a>	April 14, 2014
214038	Exposure Draft for Standards of Practice – <a href="#">Revisions to the General and Practice-Specific Standards – Consistency of Reporting and Conformance with International Standard of Actuarial Practice 1</a>	April 23, 2014
214037	<a href="#">Revised Notice of Intent Regarding Standards of Practice for the Use of Models</a>	April 22, 2014
214034	Research Paper: <a href="#">Calibration of Fixed-Income Returns for Segregated Fund Liability</a>	April 11, 2014
214008	Educational Note: <a href="#">Dividend Determination for Participating Policies</a>	January 9, 2014
214006	Final Standards – <a href="#">Revocation of the Current Standards of Practice Entitled Recommendations – Dividend Determination and Illustration and Explanatory Notes in Amplification of Certain Dividend Recommendations, and Introduction of a New Subsection Relating to Participating Policy Dividend Determination in Part 2000 – Practice-Specific Standards for Insurance</a>	January 9, 2014

Accession Number	Title	Publication Date
213107	Research Paper – <a href="#">Calibration of Stochastic Risk-Free Interest Rate Models for Use in CALM Valuation</a>	December 21, 2013
213077	Revised Educational Note – <a href="#">Dynamic Capital Adequacy Testing</a>	November 13, 2013
213067	Notice of Intent: <a href="#">International Standard of Actuarial Practice 1 and Reporting of Assumptions, Margins, Methods, and Related Rationales</a>	August 14, 2013
213008	<a href="#">Final Standards for Practice-Specific Standards on Insurance Contract Valuation (Section 2300) to Narrow the Range of Practice on Certain Elements</a>	February 12, 2013
213004	Final Standards – <a href="#">Introduction of Standards Relating to Appointed Actuary Opinions with Respect to Use of Internal Models to Determine Required Capital for Segregated Fund Guarantees</a>	February 7, 2013
212096	<a href="#">Educational Note on Future Income and Alternative Taxes</a>	December 17, 2012
212054	Memorandum: <a href="#">Final Communication of a Promulgation of Calibration Criteria for Investment Returns Referenced in the Standards of Practice for the Valuation of Insurance Contract Liabilities: Life and Health (Accident and Sickness) Insurance (Subsection 2360)</a>	July 3, 2012
212027	Educational Note: <a href="#">Reflection of Hedging in Segregated Fund Valuation</a>	May 10, 2012
212012	Educational Note: <a href="#">Valuation of Universal Life Insurance Contract Liabilities</a>	February 28, 2012
212004	Research Paper: <a href="#">Calibration of Equity Returns for Segregated Fund Liabilities</a>	February 3, 2012
211107	Final Standard of Practice: <a href="#">Revision of the Standards of Practice – Dynamic Capital Adequacy Testing – Section 2500</a>	November 11, 2011
211091	Final Standards of Practice: <a href="#">Standards of Practice for Recognizing Events in Work</a> (clean version)	September 26, 2011
211084	Final Standards of Practice: <a href="#">Practice-Specific Standards for Insurance, Incorporation of Standard Wording for Fairness Opinions (subsection 2460)</a>	September 7, 2011
211072	<a href="#">Final Communication of a Promulgation of Prescribed Mortality Improvement Rates Referenced in the Standards of Practice for the Valuation of Insurance Contract Liabilities: Life and Health (Accident and Sickness) Insurance (Subsection 2350)</a>	July 12, 2011

Accession Number	Title	Publication Date
211070	Final Standards of Practice: <a href="#">Standards of Practice for the Valuation of Insurance Contract Liabilities: Life and Health (Accident and Sickness) Insurance (Subsection 2350) Relating to Mortality Improvement</a> (clean version)	July 12, 2011
211027	Educational Note: <a href="#">Investment Return Assumptions for Non-Fixed Income Assets for Life Insurers</a>	March 1, 2011
211003	<a href="#">Final Communication of a Promulgation of Calibration Criteria for Investment Returns Referenced in the Standards of Practice for the Valuation of Policy Liabilities: Life and Health (Accident and Sickness) Insurance (Subsection 2360)</a>	January 20, 2011
210088	Research Paper: <a href="#">IFRS Disclosure Requirements for Life Insurers</a>	December 13, 2010
210086	Educational Note: <a href="#">Valuation of Gross Policy Liabilities and Reinsurance Recoverables</a>	December 1, 2010
210065	Research Paper: <a href="#">Mortality Improvement Research Paper</a>	September 23, 2010
210053	Report: <a href="#">Report from the Task Force on Segregated Fund Liability and Capital Methodologies</a>	August 11, 2010
210034	Educational Note: <a href="#">Valuation of Group Life and Health Policy Liabilities</a>	June 4, 2010
209122	Educational Note: <a href="#">Calibration of Stochastic Interest Rate Models</a>	December 3, 2009
209121	Educational Note: <a href="#">Currency Risk in the Valuation of Policy Liabilities for Life and Health Insurers</a>	December 2, 2009
208004	Educational Note: <a href="#">Implications of Proposed Revisions to Income Tax Legislation (Nov 7, 2007 Department of Finance Proposal)</a>	January 23, 2008
207109	Educational Note: <a href="#">Considerations in the Valuation of Segregated Fund Products</a>	November 22, 2007
207029	Educational Note: <a href="#">Implications of CICA Handbook Section 3855 – Financial Instruments on Future Income and Alternative Taxes: Update to Fall Letter</a>	April 11, 2007
206147	Educational Note: <a href="#">Use of Actuarial Judgment in Setting Assumptions and Margins for Adverse Deviations</a>	November 30, 2006
206134	Educational Note: <a href="#">Best Estimate Assumptions for Expenses</a>	November 8, 2006
206133	Educational Note: <a href="#">Approximations to Canadian Asset Liability Method (CALM)</a>	November 8, 2006
206132	Educational Note: <a href="#">Margins for Adverse Deviations</a>	November 8, 2006

Accession Number	Title	Publication Date
206077	Educational Note: <a href="#">CALM Implications of AcSB Section 3855 Financial Instruments – Recognition and Measurement</a>	June 7, 2006
205111	Educational Note: <a href="#">Valuation of Segregated Fund Investment Guarantees (Revised)</a>	October 26, 2005
203106	Educational Note: <a href="#">Selection of Interest Rate Models</a>	December 2003
203083	Educational Note: <a href="#">Aggregation and Allocation of Policy Liabilities</a>	September 15, 2003
202037	Educational Note: <a href="#">Expected Mortality: Fully Underwritten Canadian Individual Life Insurance Policies</a>	July 8, 2002

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